



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Tuesday April 19, 2022

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



# Summary of the Upcoming Week

- **Marginal risk of severe storms across portions of the TX Panhandle/South Plains today.**
- **Marginal to Slight risk of severe storms across much of OK and portions of N TX on Wednesday.**
- **Marginal risk of severe storms for portions of Western/Northern OK on Thursday.**
- **Elevated to critical fire weather conditions across NM, W TX, and the TX/OK Panhandles this week.**



# FEMA Region 6 Threat Matrix

Apr 19, 2022 - Apr 23, 2022

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Weather	TX Panhandle, TX South Plains	OK NTX	Western/Northern OK		
Heavy Rain / Flash Flooding					
Fire Weather	NM TX/OK Panhandles	NM, WTX, TX Panhandle	NM, WTX, TX/OK Panhandles	NM, WTX, TX/OK Panhandles	NM, WTX, W OK TX/OK Panhandles
Winds					
Winter Weather					
River Flooding	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA	AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

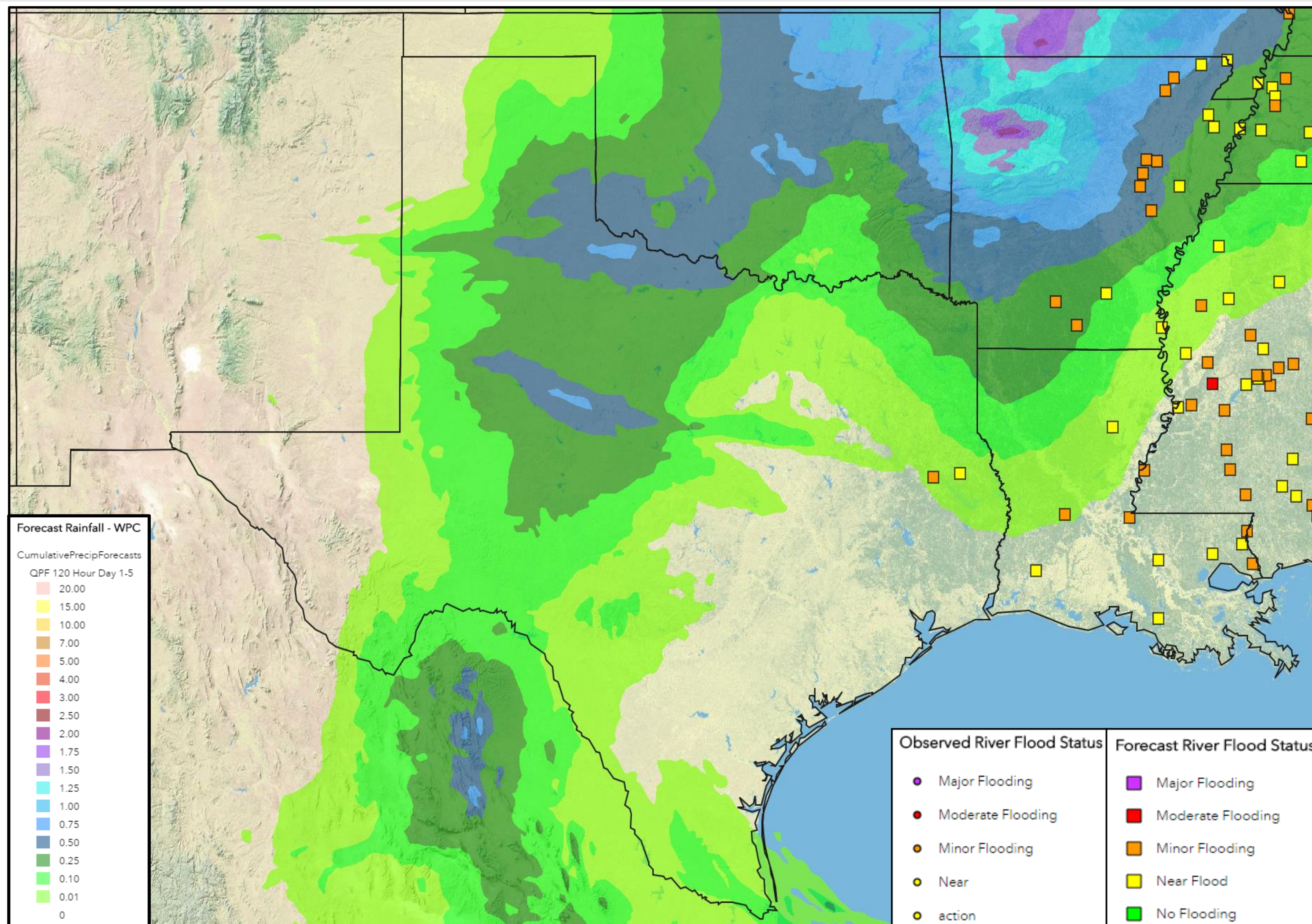
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*





# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor river flooding continues across LA, AR, and E TX.**

**Impacts to agricultural areas, secondary roads, and recreational areas.**

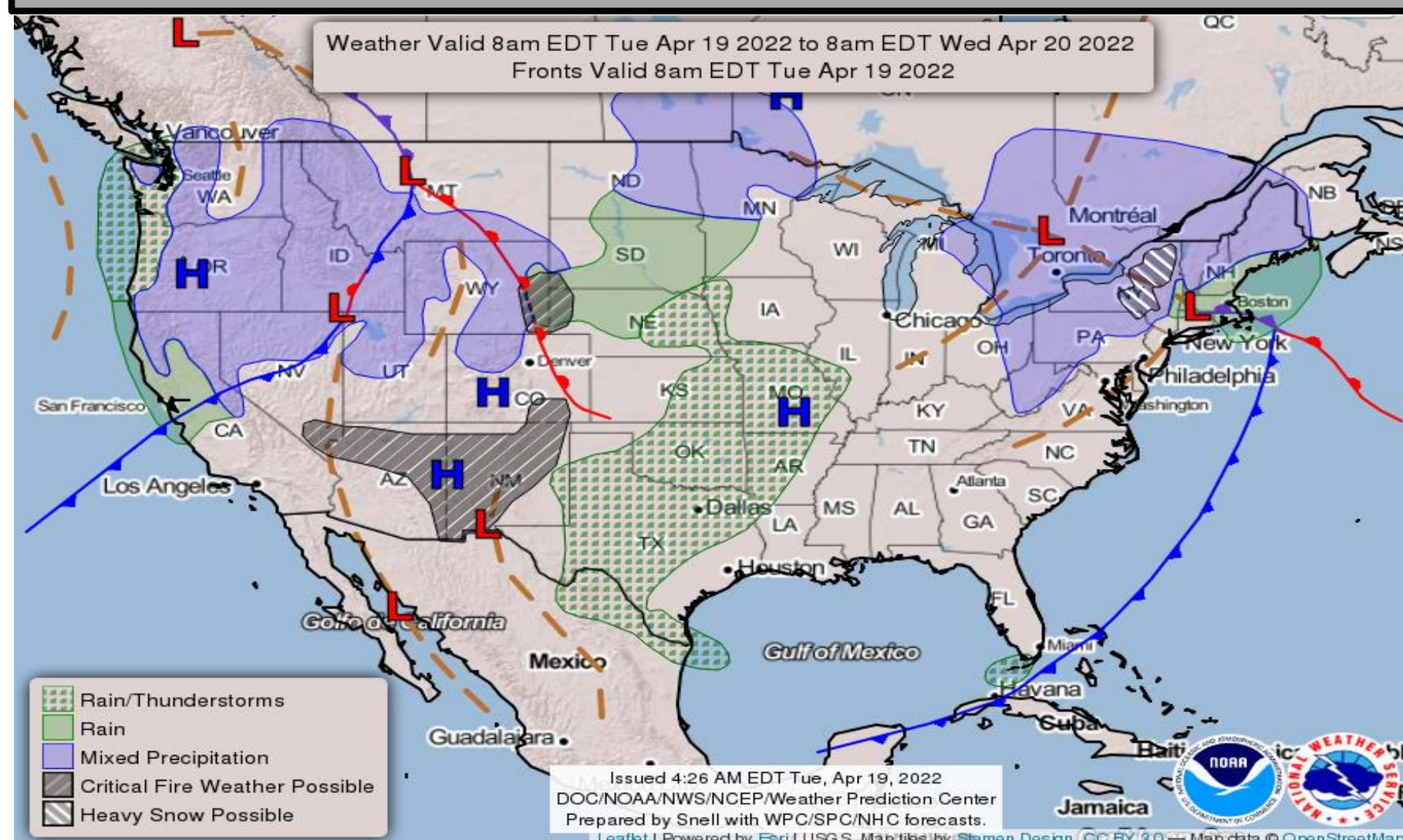
<http://water.weather.gov/ahps> for latest river flooding



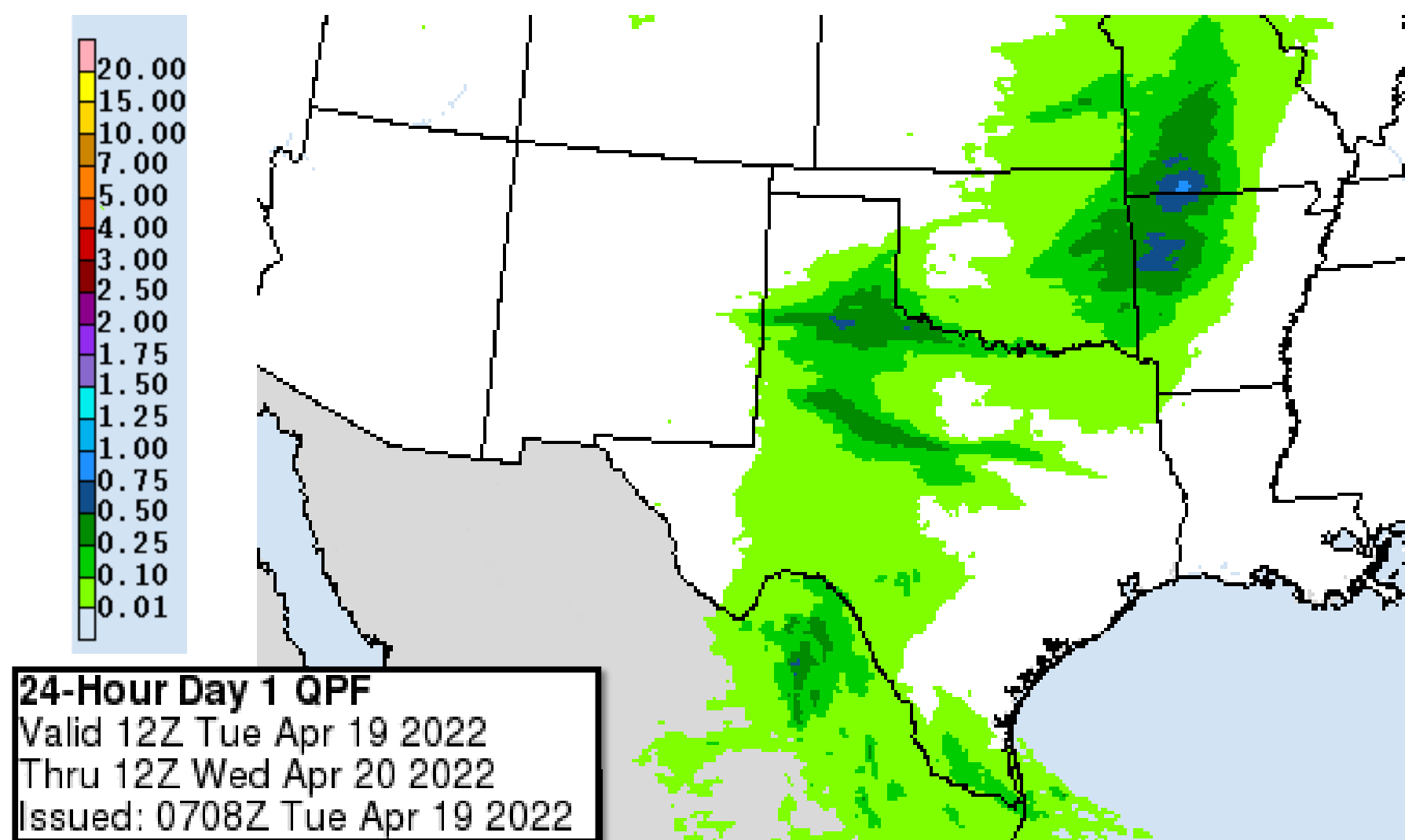


# Today's Weather

## Forecast Chart



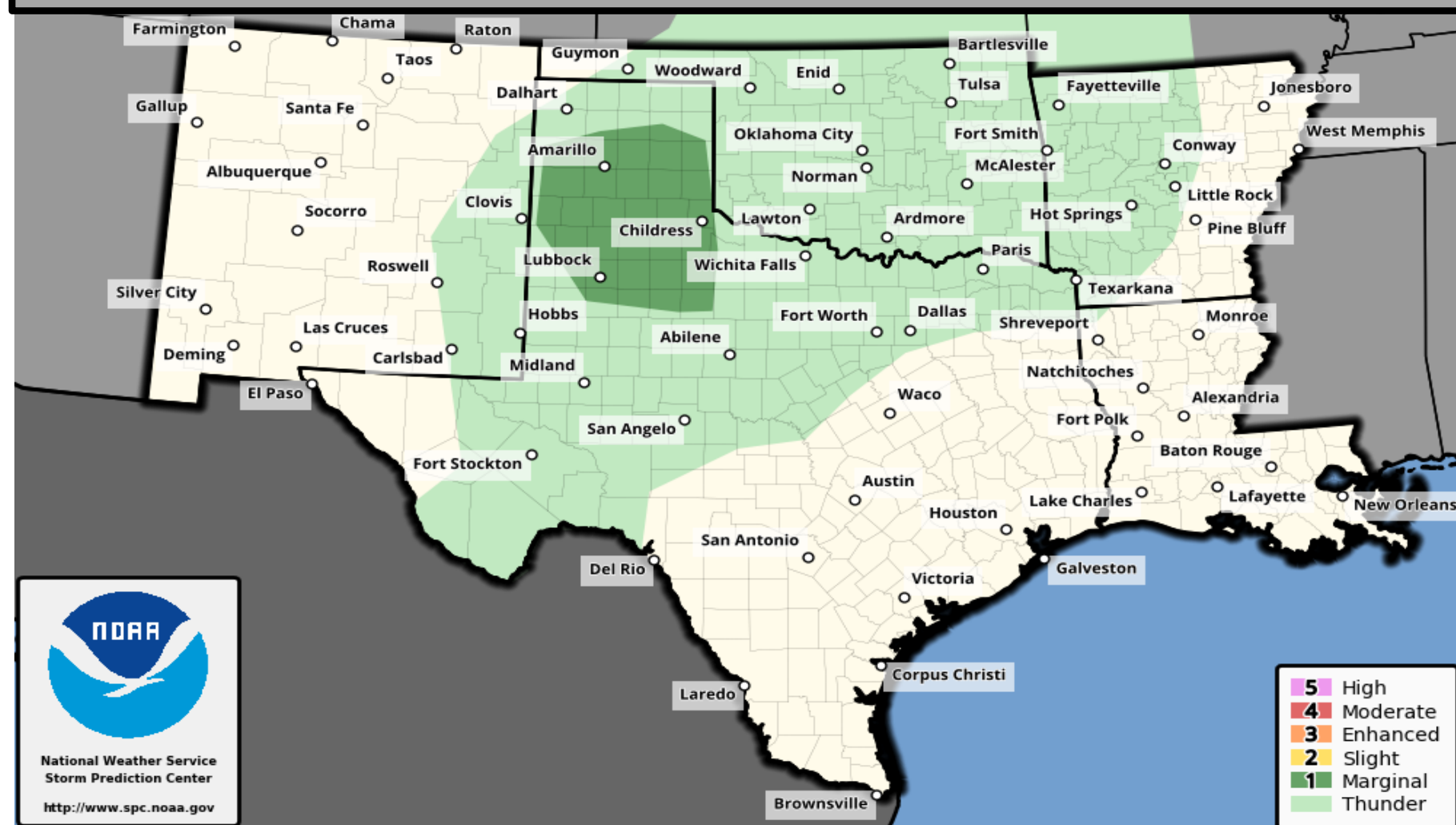
## Forecast Rainfall



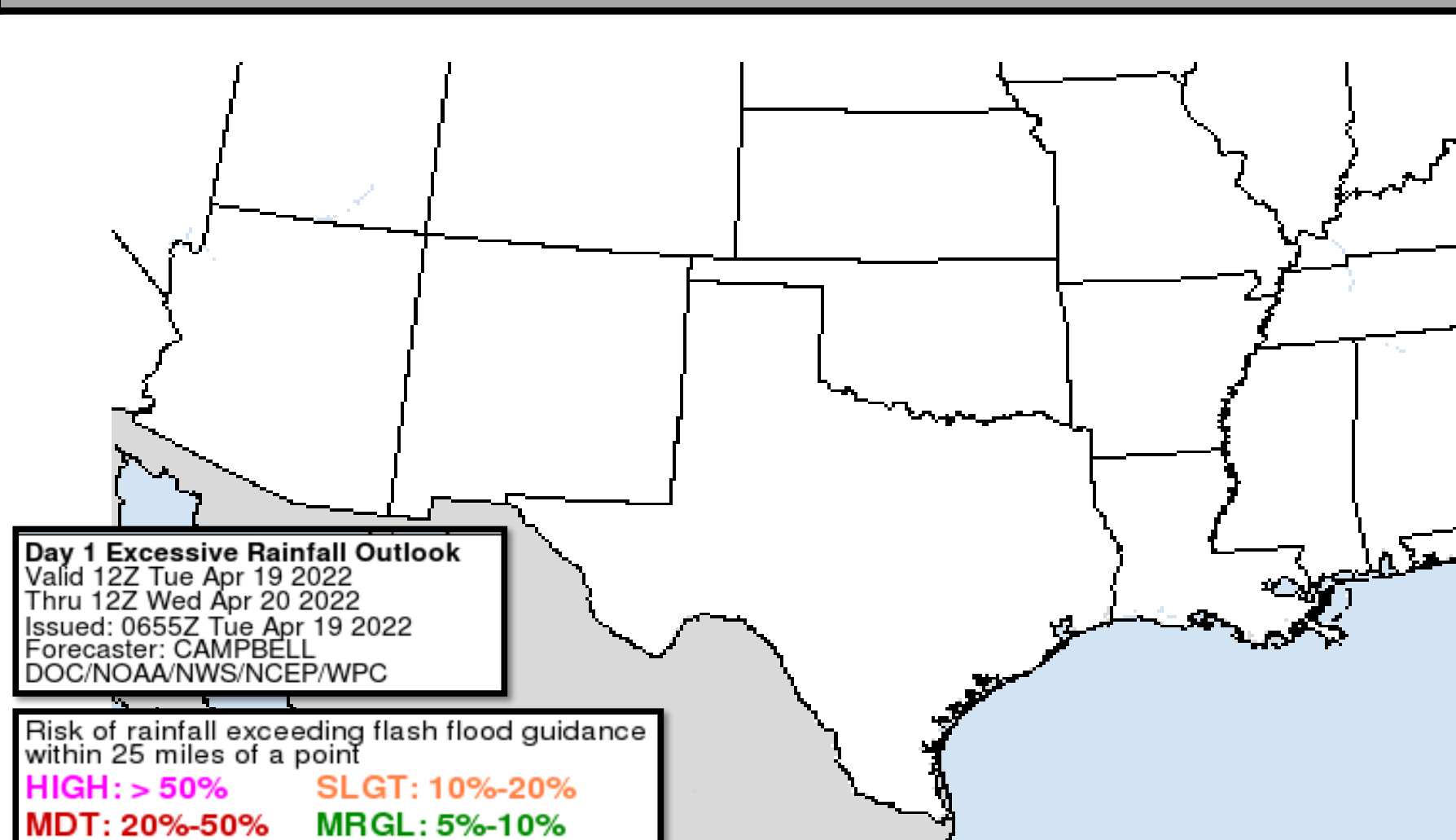
**Marginal risk of severe storms (isolated marginally severe hail) across portions of the TX Panhandle and TX South Plains.**

**Critical fire weather conditions across NM and portions of the TX/OK Panhandles.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

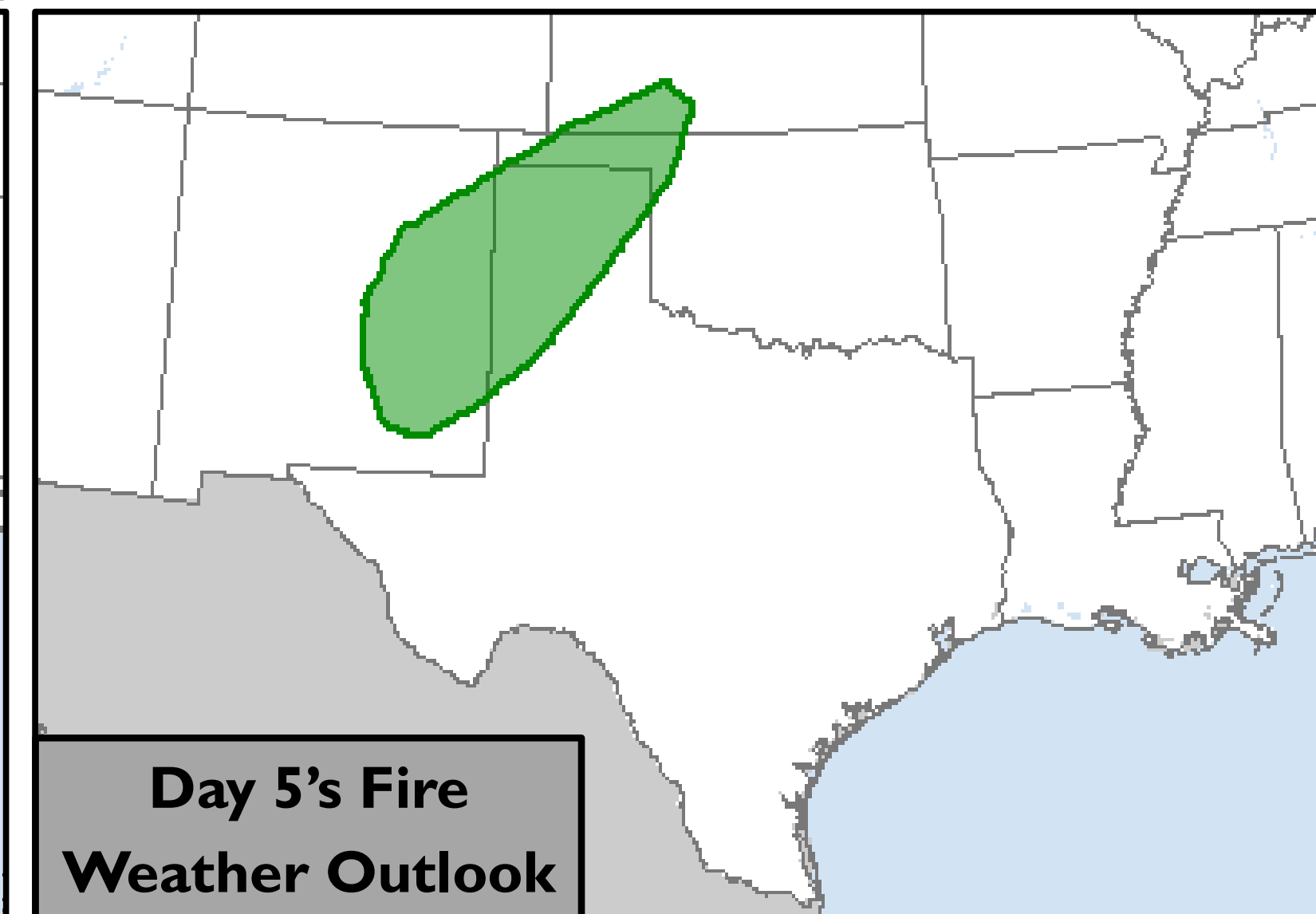
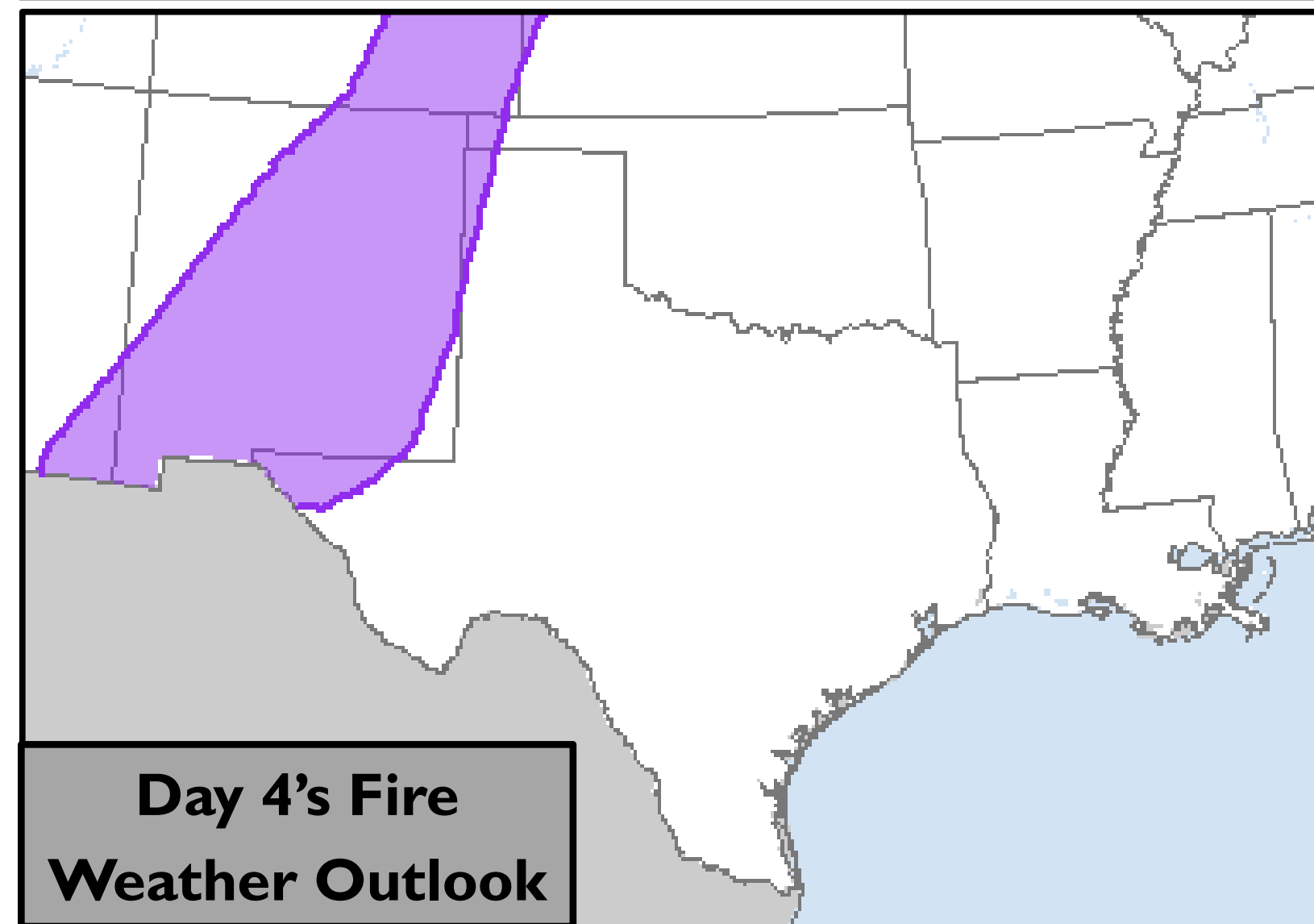
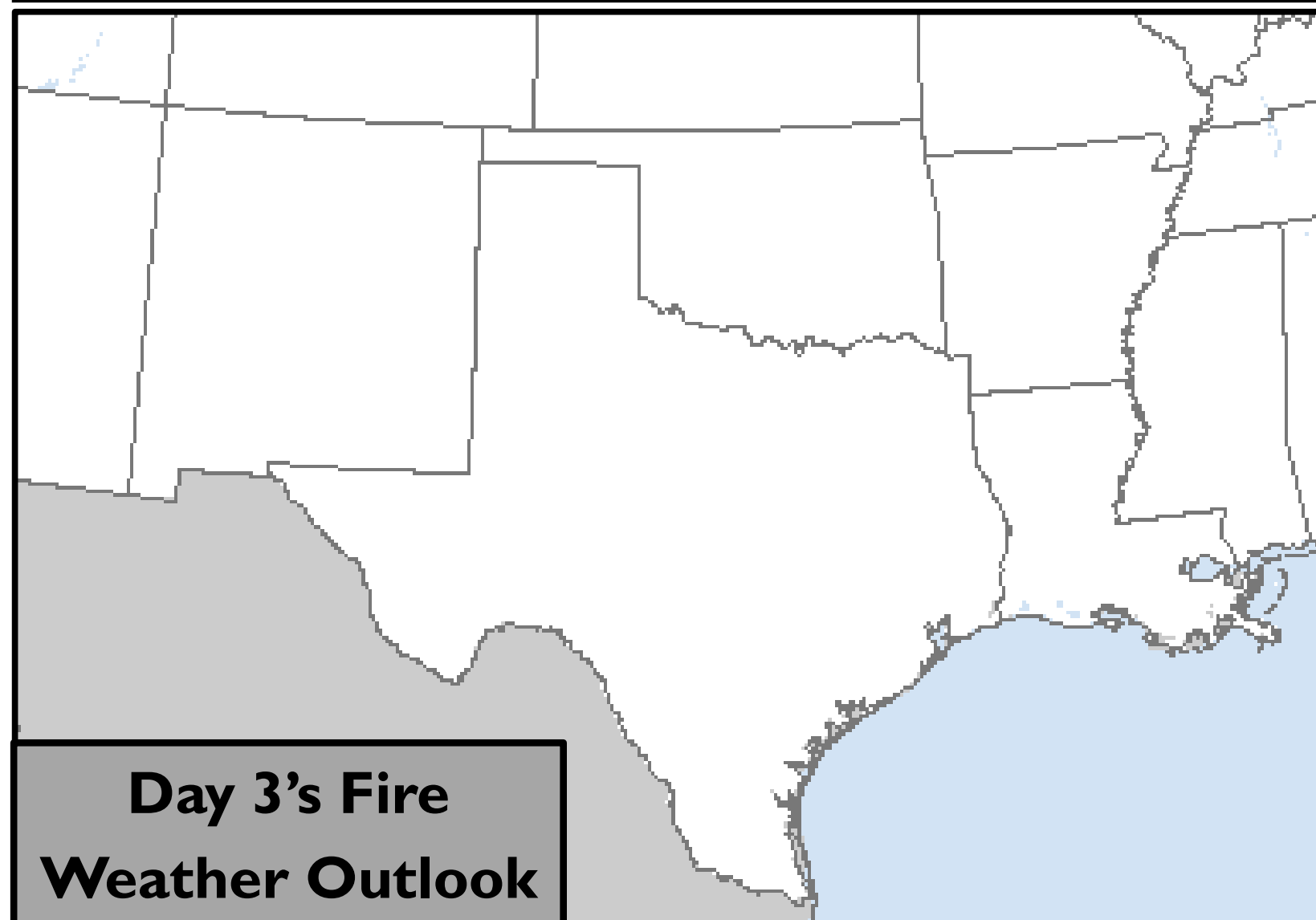
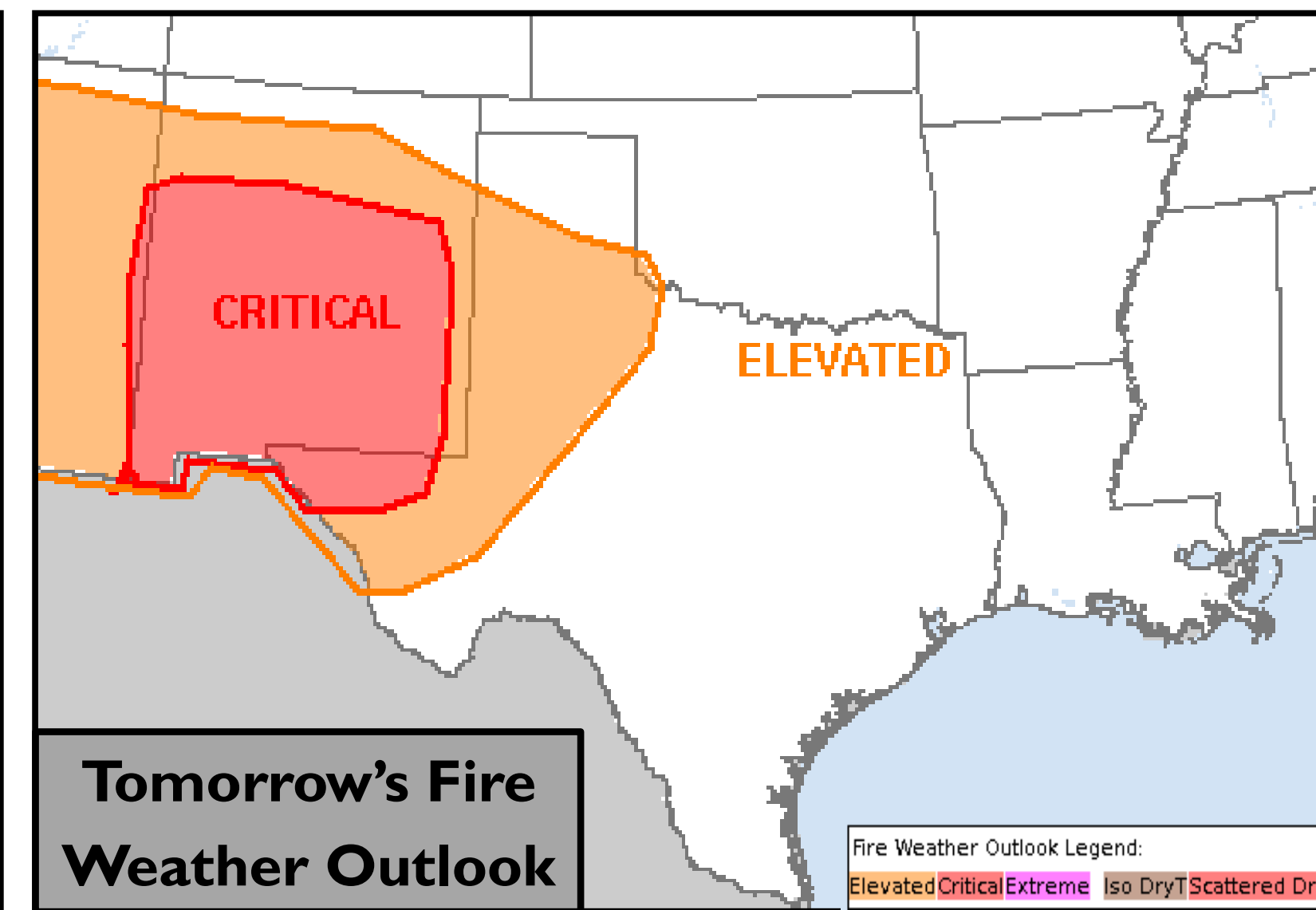
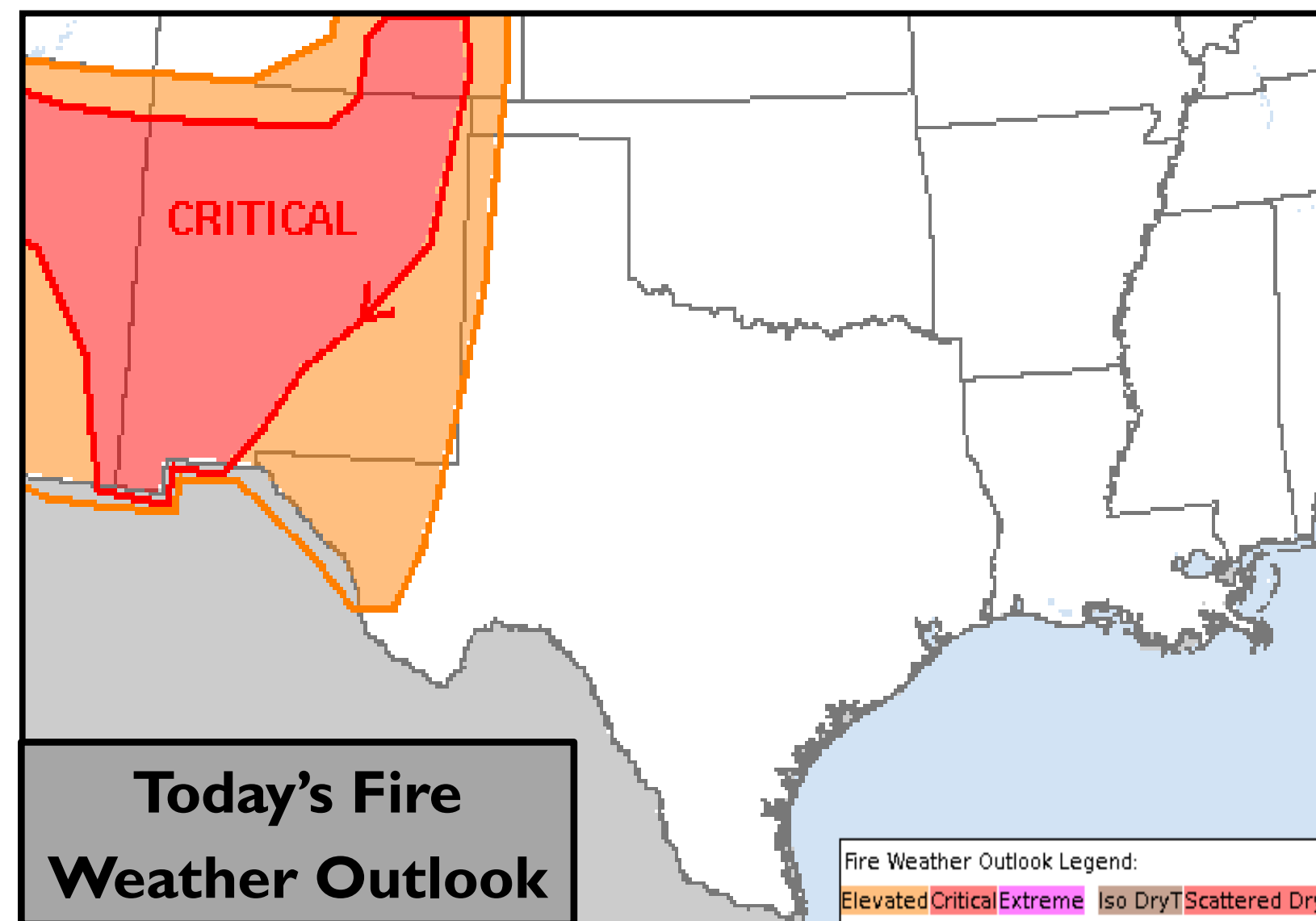
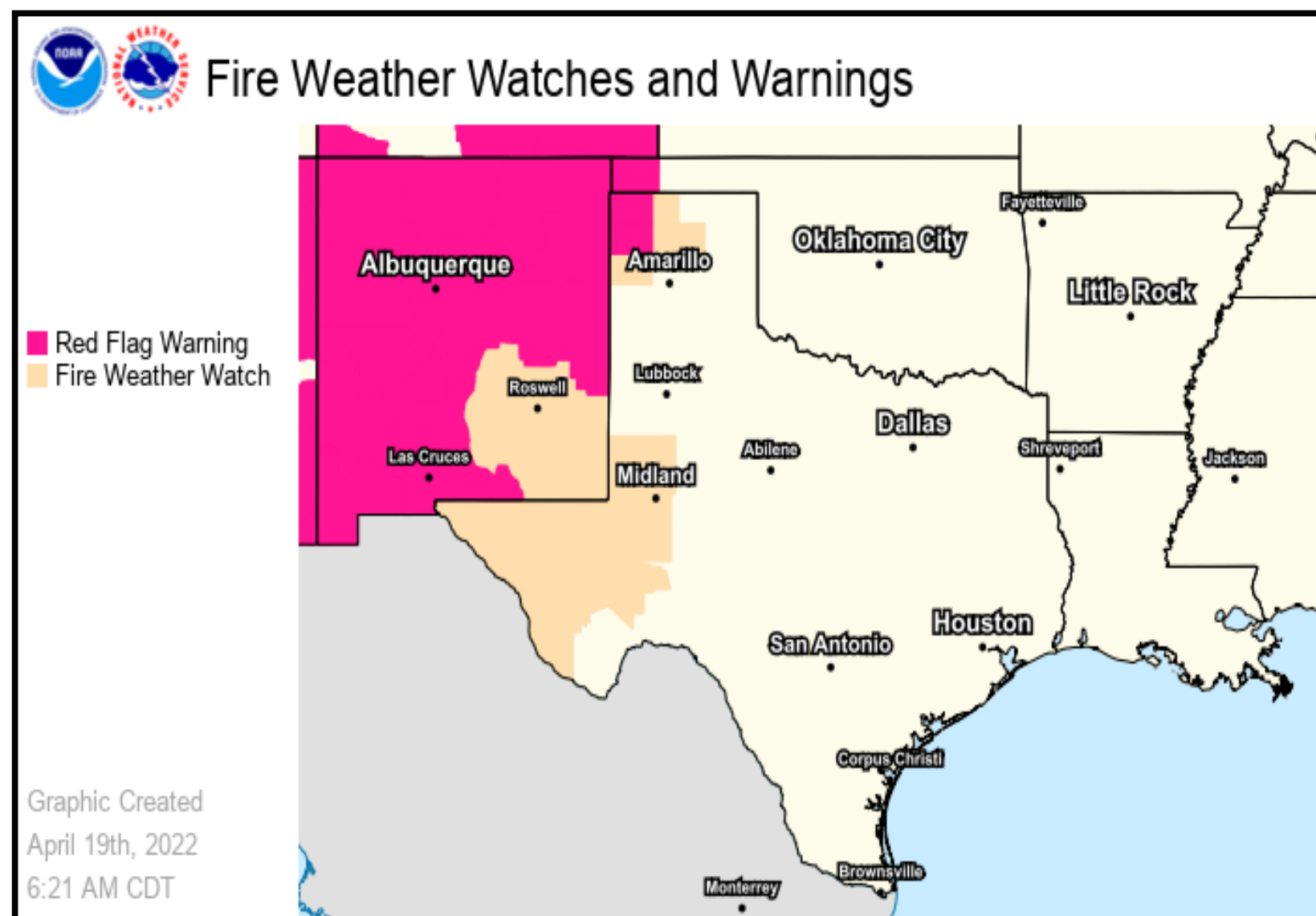






# Fire Weather Outlooks

Note: Days 3-5 only highlight critical areas

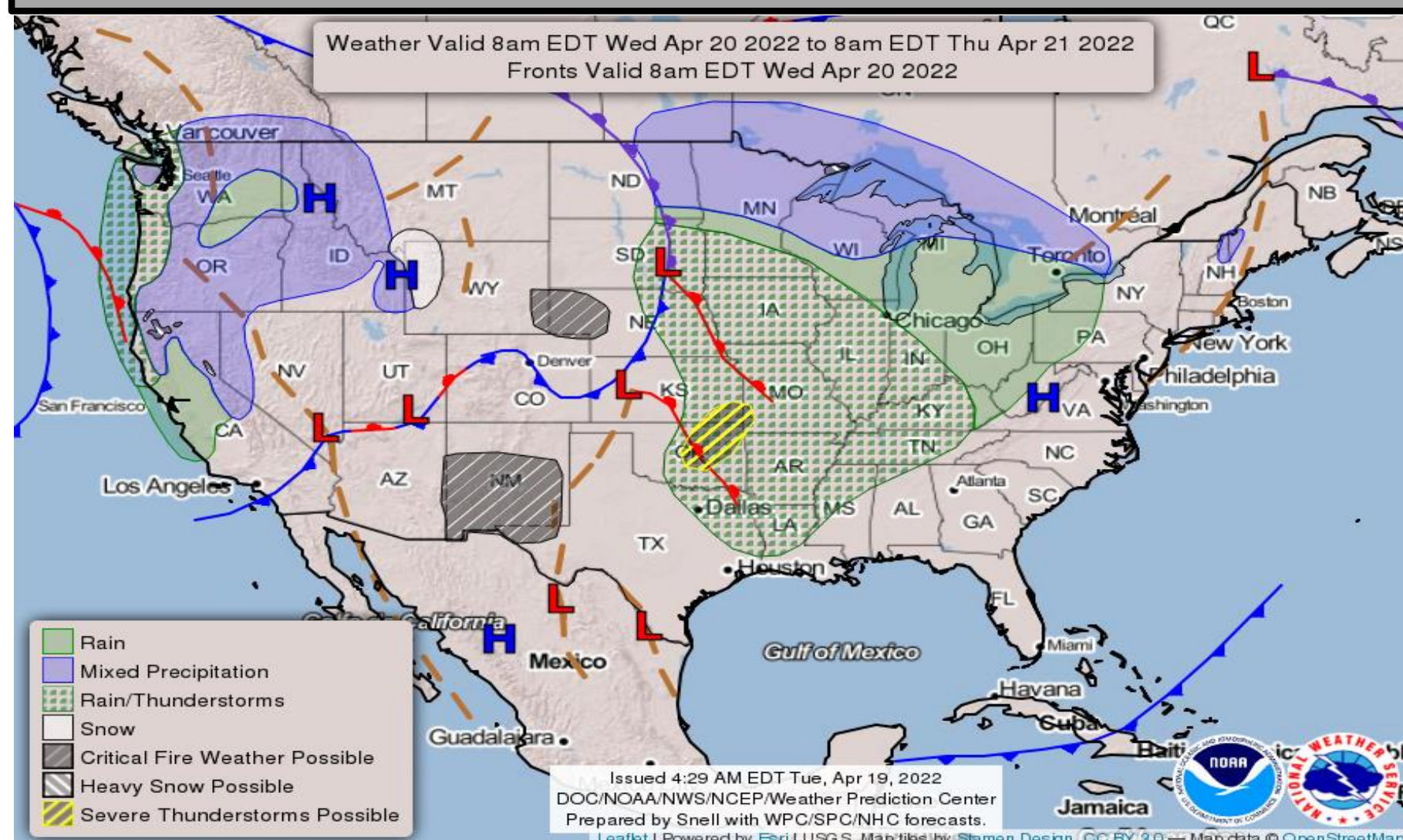




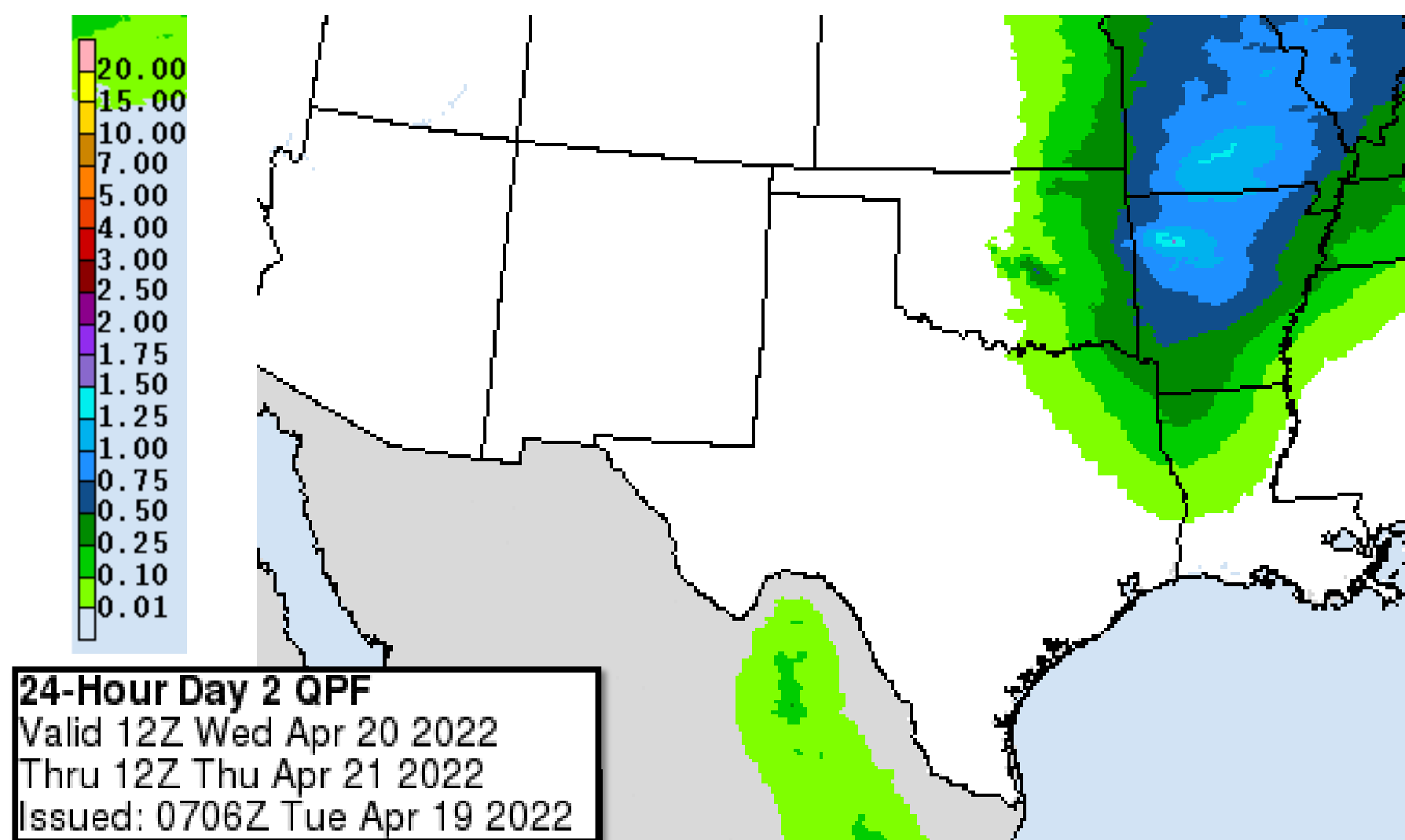


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

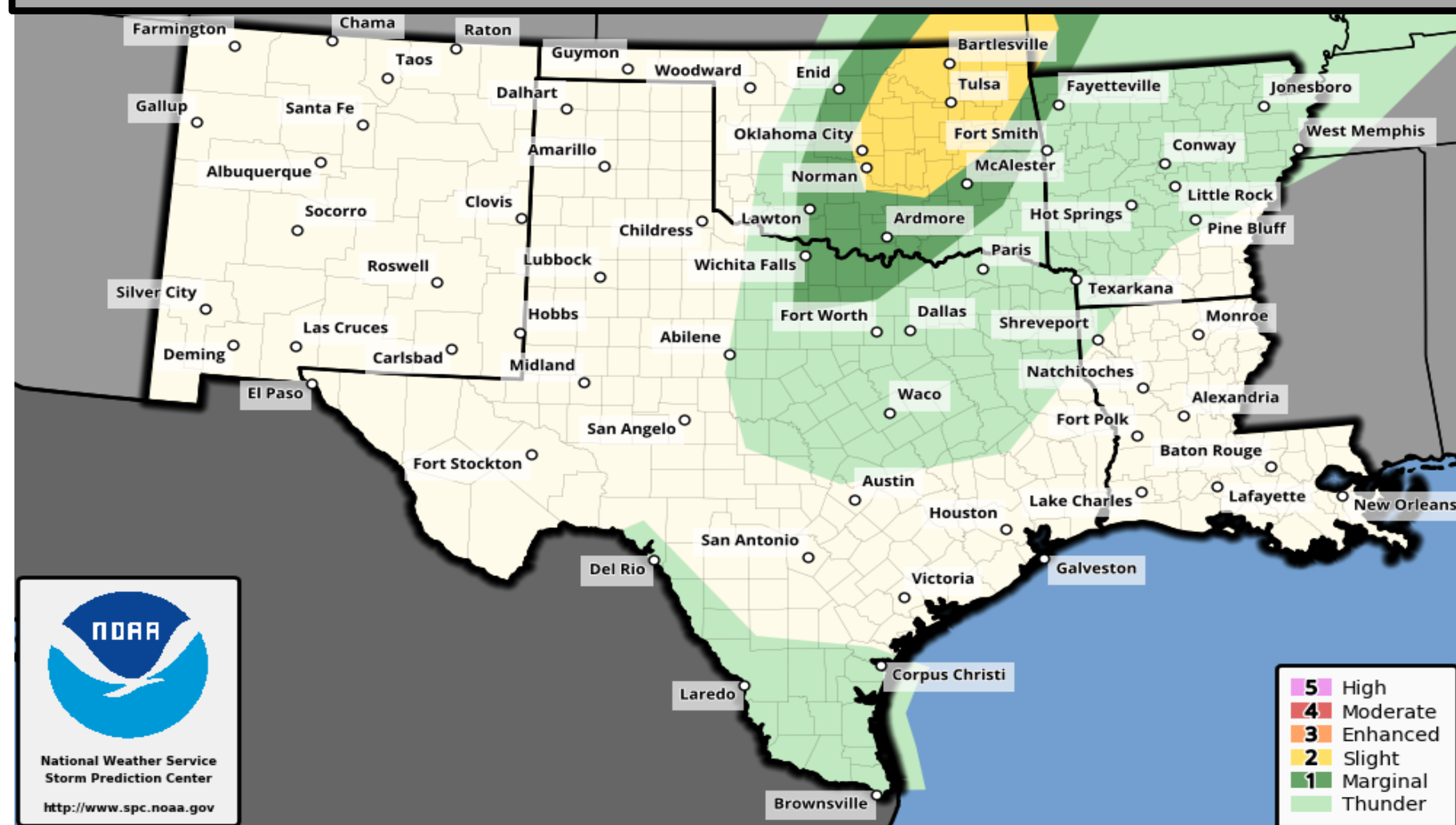


**Slight risk of severe storms for Central into Northeast OK. Damaging winds and hail are the main threats. A tornado or two is possible.**

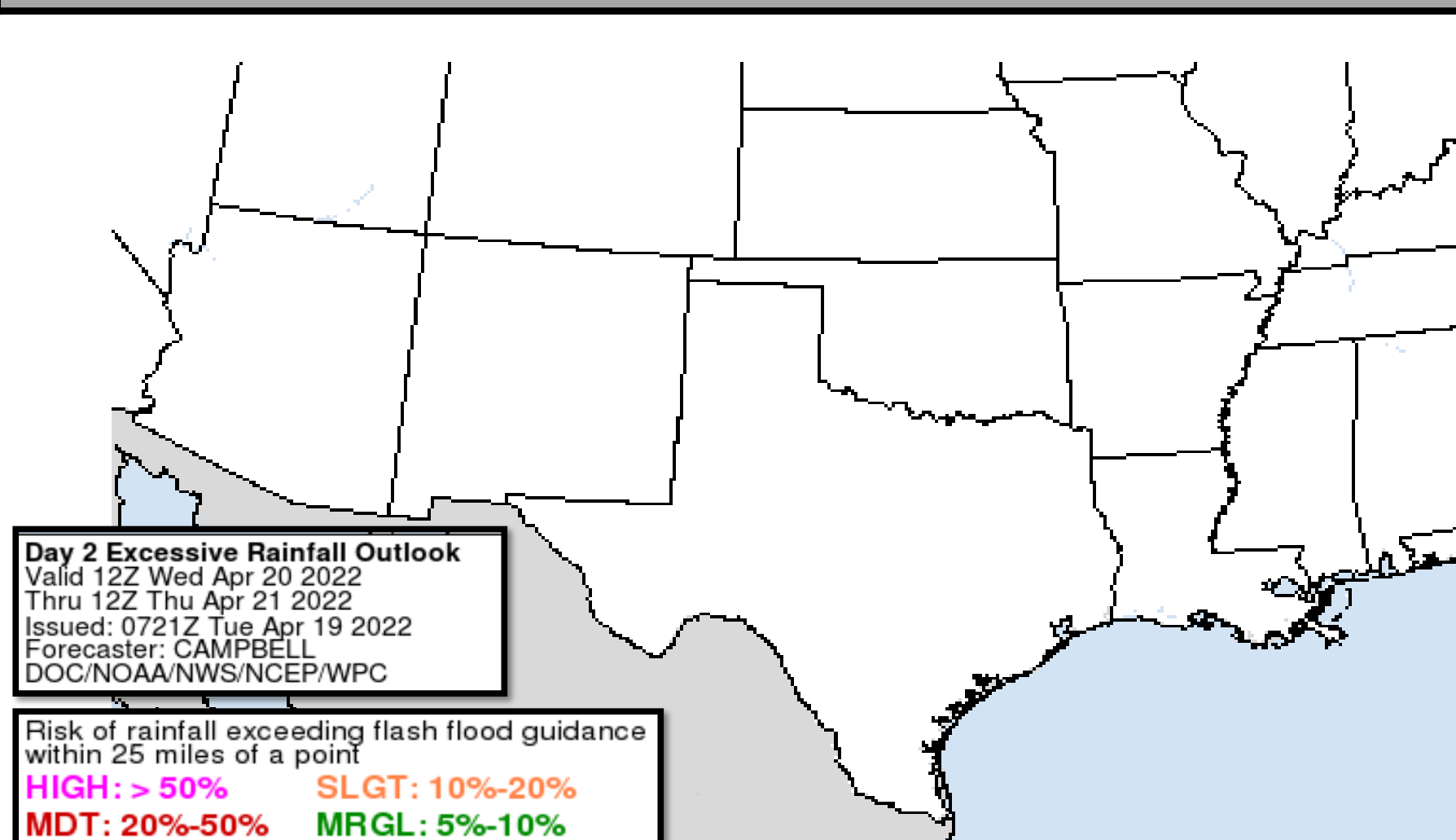
**Marginal risk of severe storms (isolated hail and damaging wind) across portions of OK and N TX.**

**Critical fire weather conditions across NM and portions of W TX and the TX Panhandle.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

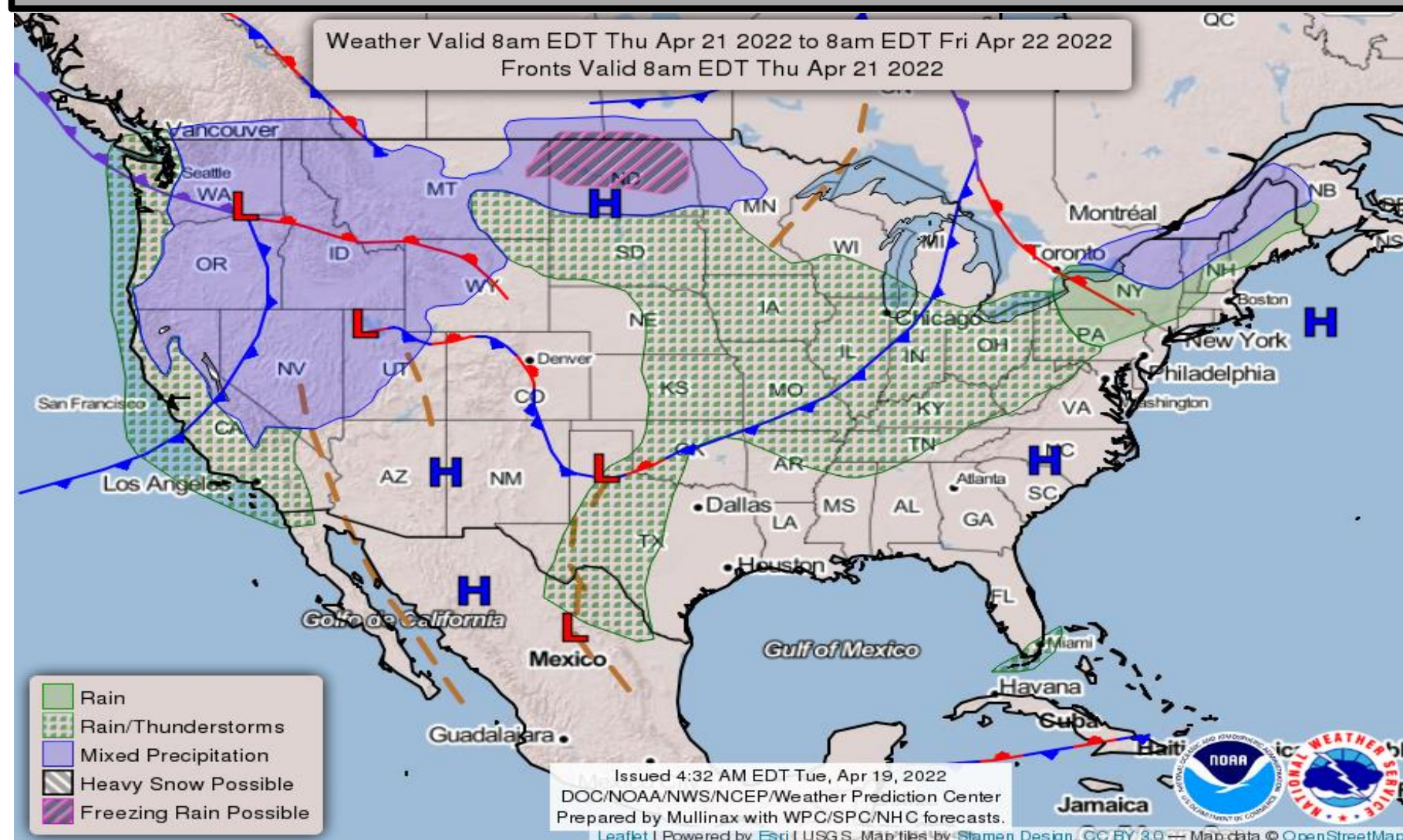




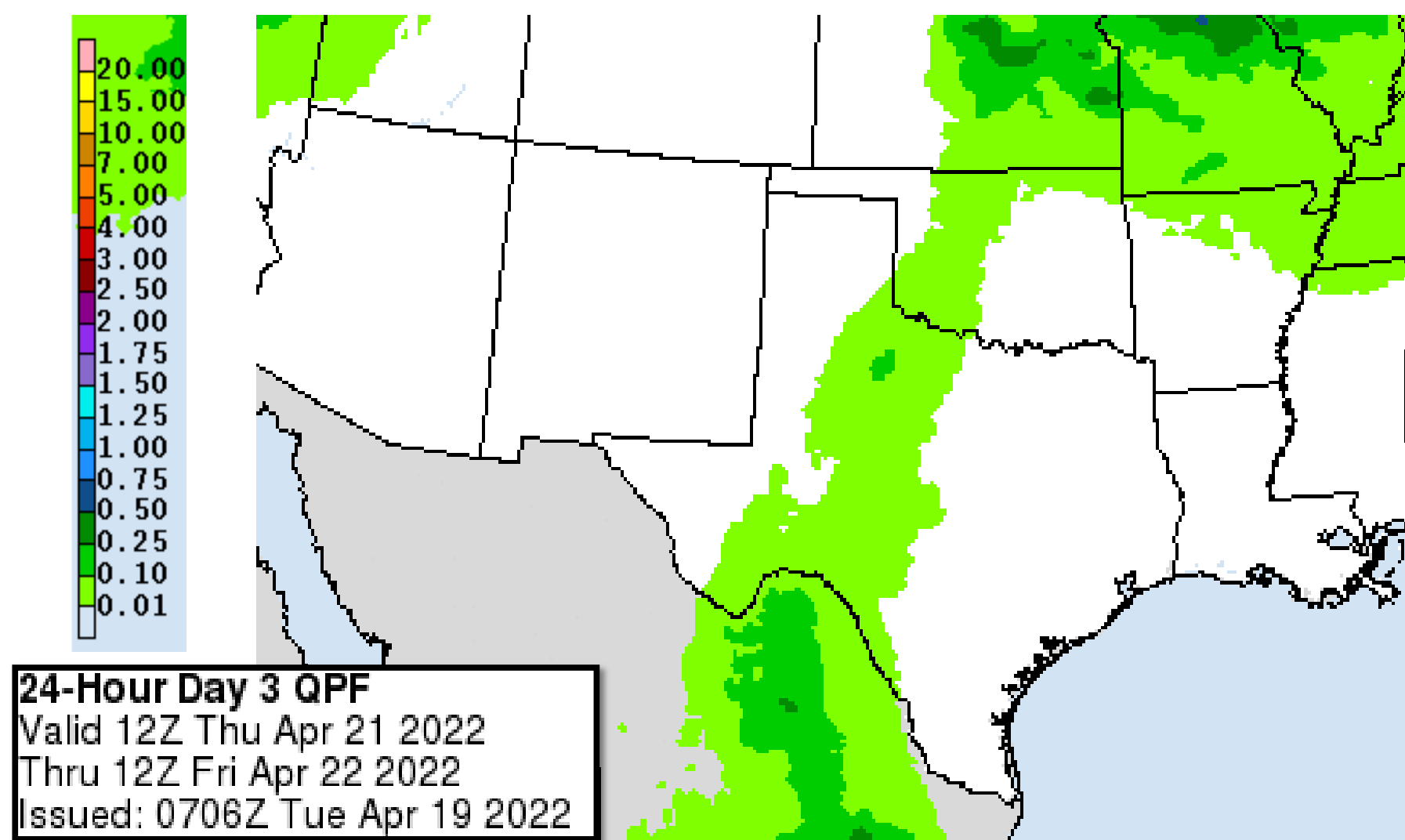


# Thursday's Weather

## Forecast Chart



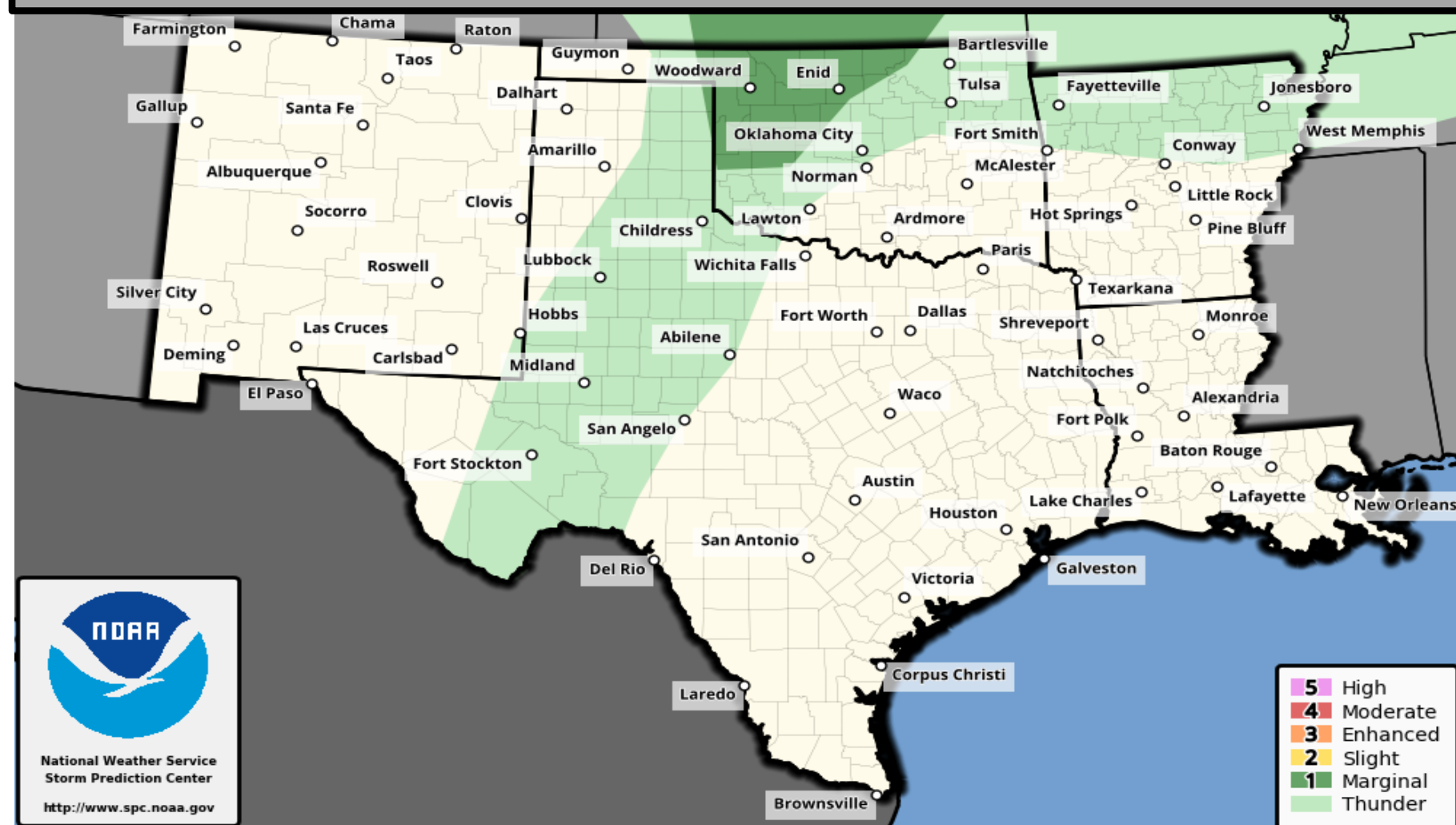
## Forecast Rainfall



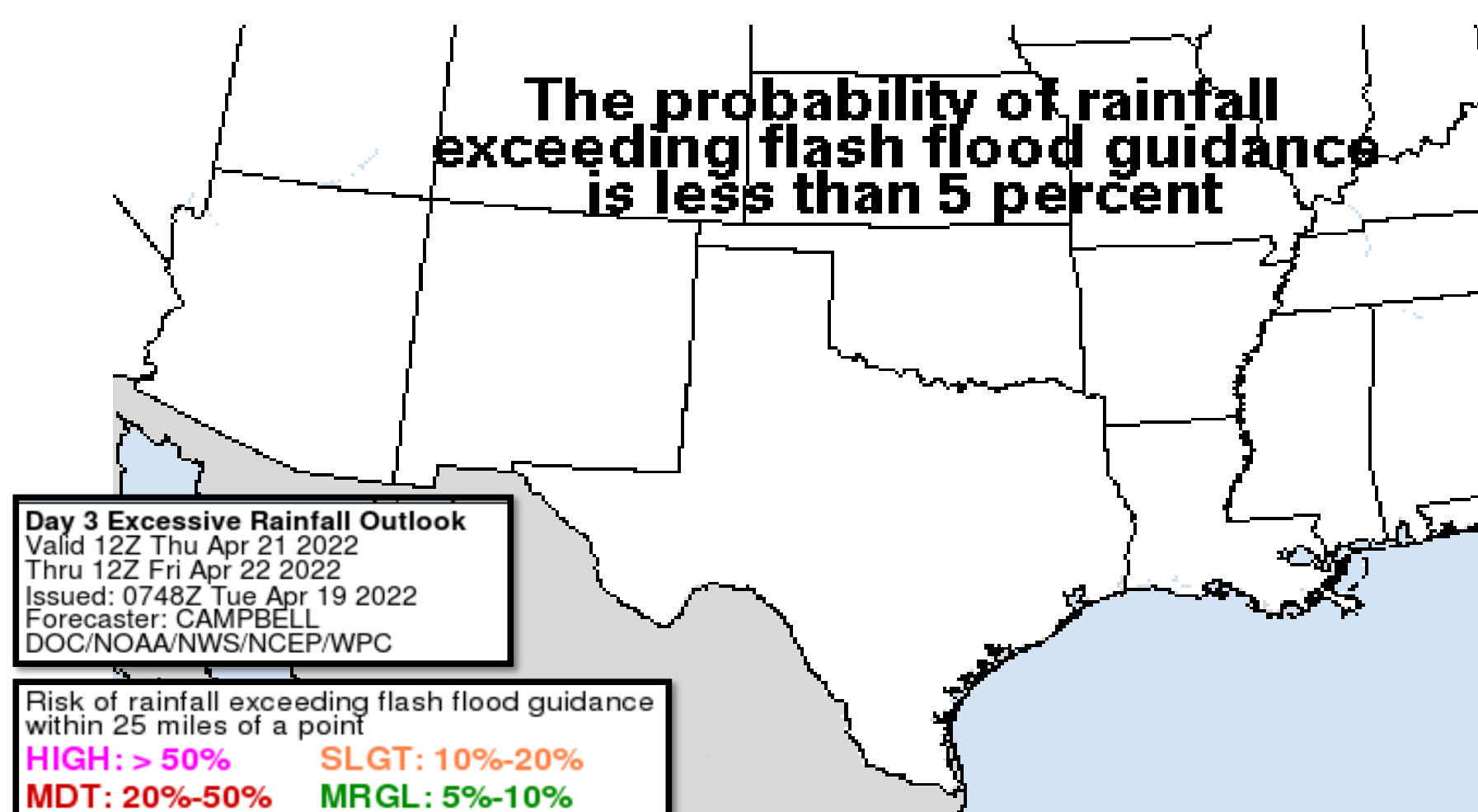
**Marginal risk of severe storms (isolated hail) for portions of western and northern OK.**

**Elevated to critical fire weather conditions for portions of NM, W TX, and the TX/OK Panhandles.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



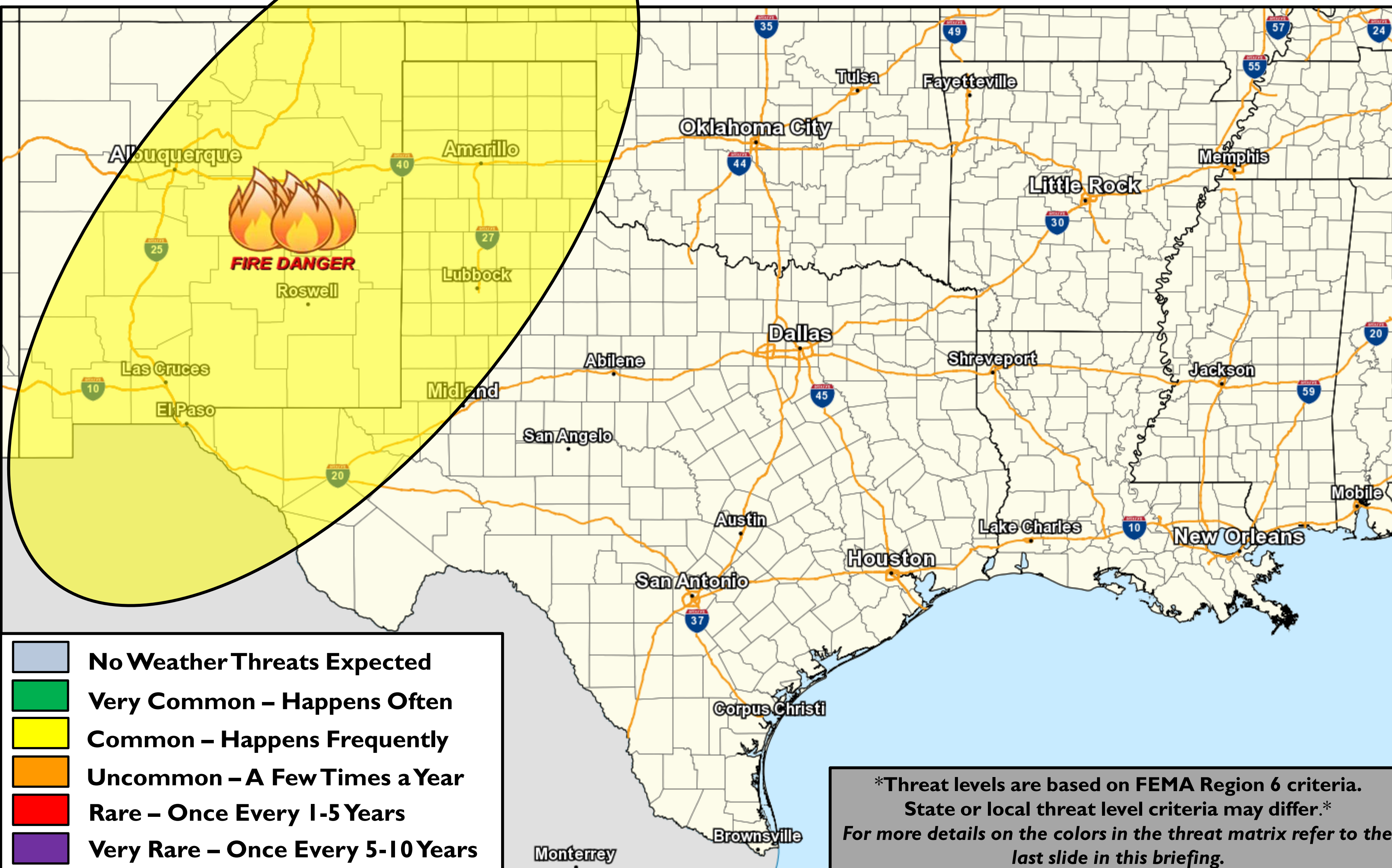




# Days 4-5 Weather Hazards

Friday - Saturday

**Elevated to critical fire weather conditions across portions of NM, W TX, the TX/OK Panhandles, and W OK.**

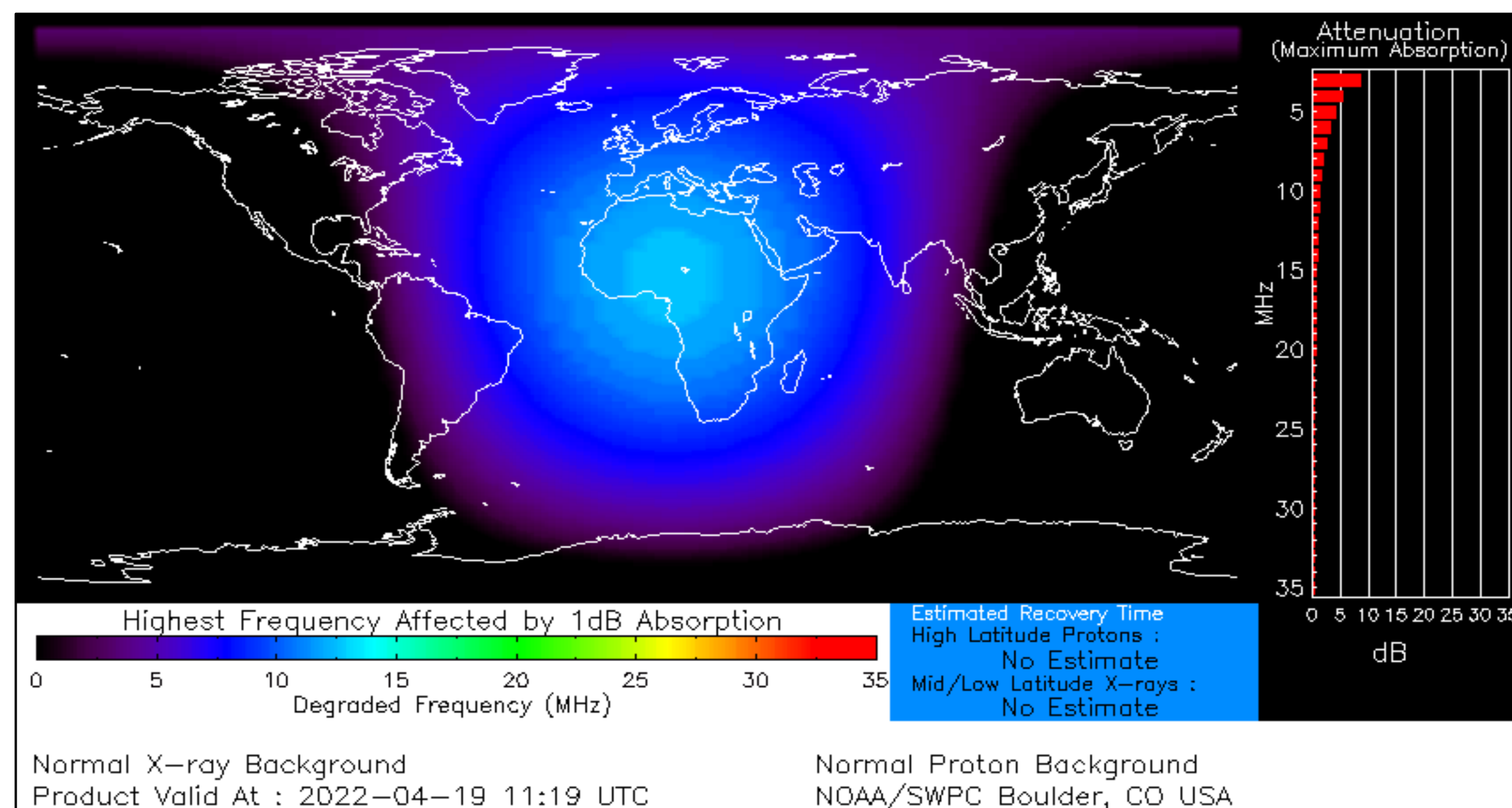






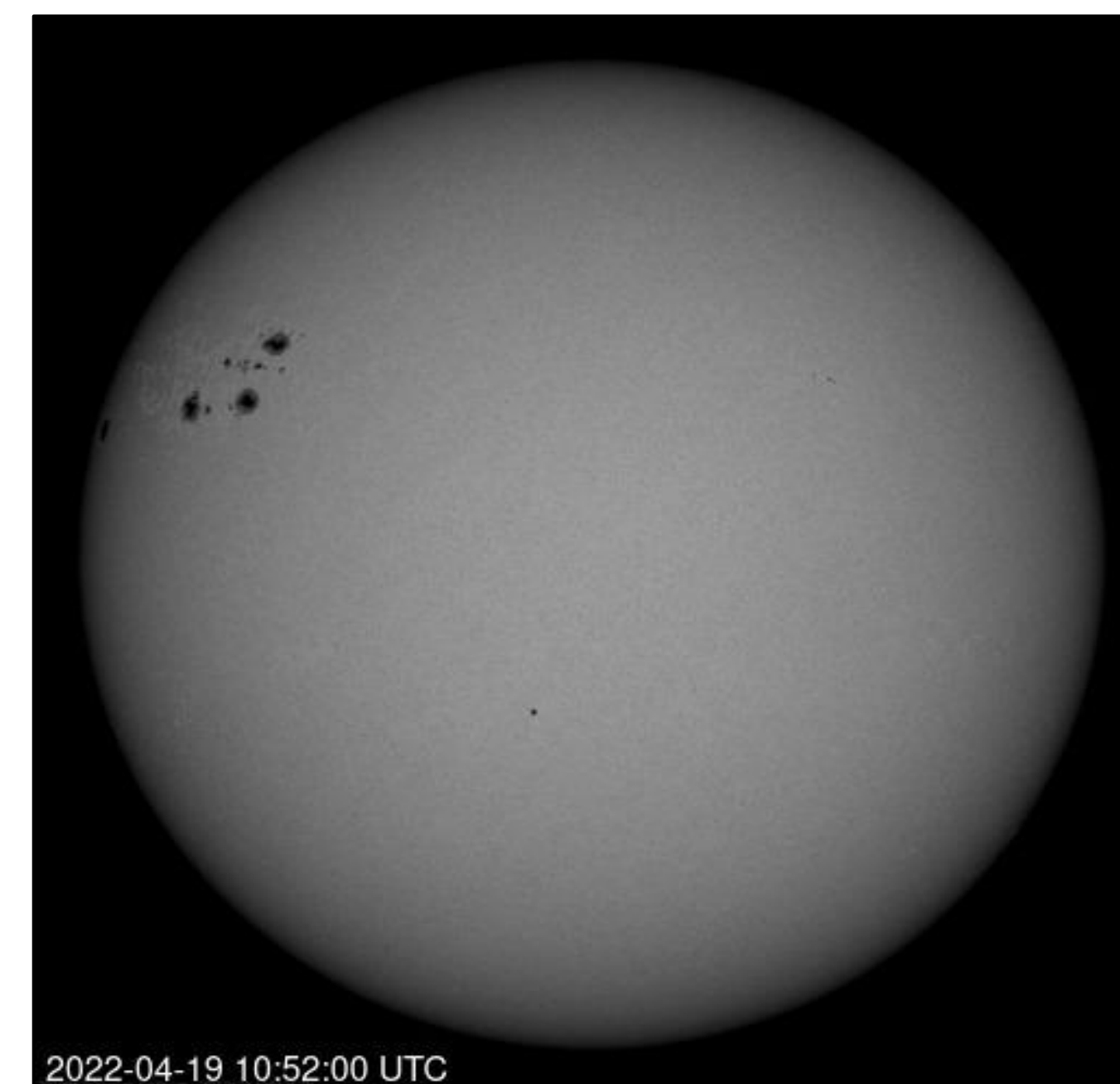
# Space Weather 3-Day Forecast

	Tuesday	Wednesday	Thursday
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>75%</b>	<b>75%</b>	<b>75%</b>
<b>Radio Blackout (R3-R5)</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





## Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as sea breeze storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).